

REMARKS

The foregoing amendment does not include the introduction of new matter into the present application for invention. Therefore, the Applicant, respectfully, requests that the above amendment be entered in and that the claims to the present application be, kindly, reconsidered.

The Office Action dated December 3, 2003 has been received and considered by the Applicants. Claims 17-29 are pending in the present application for invention. Claims 17, 18, and 20-29 stand rejected and Claim 19 is objected to by the December 3, 2003 Office Action.

The Office Action rejects Claims 17, 18, and 20-29 under the provisions of 35 U.S.C. §103(a) as being unpatentable over JP 62-242320 issued to Okanoe et al. (hereinafter referred to as Okanoe et al.) in view of DE 290694. The Examiner states that Okanoe et al. discloses the instant invention except for the adjusting means and that DE 290694 discloses the adjusting means recited by the rejected claims to the present invention. The Applicant. Respectfully, disagrees. There is no teaching within DE 290694 that would lead a person skilled in the art to believe that it is possible to adjust the loops of the coil after the coil has been mounted. The Examiner has indicated the Figures 2 of DE 290694 discloses the adjusting means. The Applicant, respectfully, asserts that the Examiner is inserting the adjusting means into DE 290694 improperly without any such disclosure within the four corners of DE 290694, The Applicant, respectfully, requests that the Examiner indicate where within DE 290694 there is any mentioning that the loops of the coil within DE 290694 can be altered after mounting. The Applicant has search through DE 290694 and found no disclosure, or suggestion, indicating that the loops of the coil within DE 290694 can be altered after mounting. Accordingly, this rejection is, respectfully, traversed.

Regarding Claim 18, the Examiner states that DE 290694 discloses that the adjusting means can be removed. The Applicant, respectfully, disagrees with this assertion contained within the Final Office Action. DE 290694 does not disclose that any part of plate 4 can be removed once it is glued onto the coil. The Applicant, respectfully, requests that the Examiner indicate that portion of DE 290694 that provides the disclosure to which the Examiner is referring. The Applicant has search through DE 290694 and found no disclosure, or suggestion,

indicating that plate 4 has taught by DE 290694 can be disengaged from the coil after mounting. Accordingly, this rejection is, respectfully, traversed.

The MPEP at 2142 details the requirement for establishing A *PRIMA FACIE* CASE OF OBVIOUSNESS. There are three basic criteria must be met. "First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations. The teaching or suggestion to make the claimed combination and the reasonable expectation of success must both be found in the prior art, and not based on applicant's disclosure. *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed. Cir. 1991)." The Applicant would like to, respectfully, point out that there is no mention of the potential for adjusting the loops of the coil after mounting within either DE 290694 or Okanoe et al. The Applicant, respectfully, asserts that the inclusion of the adjusting means as recited by the rejected claims to the present invention is nothing more than hindsight recreation on the part of the Examiner. The Examiner has simply made a statement that the recited adjustment means are disclosed by DE 290694 based on an assumption and not based upon any disclosure or suggestions within DE 290694.

The Applicant would like to, respectfully, point out that the Final Office Action has indicated that Claim 19 would be allowable if written in independent form. Claim 19 depends from Claim 17, which as previously discussed is believed to be allowable, therefore, Claim 19 is also believed to be allowable.

The Examiner states that rejected Claims 20-27 and 29 are nothing more than obvious design considerations. The Applicant, respectfully, disagrees. Claim 20 recites that the adjusting means includes that the surface is sufficiently weak or flexible so that the loops between which the surface extends can be easily bent to adjust a position of the loops sufficient for tuning the coil without otherwise damaging the coil. It is not sufficient for the Examiner to simply state that recited elements are obvious absent evidence and no evidence of any disclosure for adjusting means has been provided. Moreover, there is not even an assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 20.

Claim 21 recites the adjusting means includes that the surface is degraded by exposure to a solvent that can be used to wash the circuit board after the coil is connected to the circuit board,

whereby the loops can be bent to adjust a position of the loops for tuning the coil. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 21.

Claim 22 recites that the adjusting means includes that the surface is degraded by exposing the surface to water and at least a portion of a material of the surface can be removed by washing in water without damaging the coils. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 22.

Claim 23 recites the adjusting means includes that the surface is degraded by heating the circuit board after which the separation between the loops can be changed by bending the loops for tuning the coil. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 23.

Claim 24 recites the adjusting means includes that the material of the surface flows when exposed to soldering temperature of eutectic Pb/Sn alloy, so that after heating the circuit board to reflow the solder at least some of the loops become bendable for tuning the coil. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 24.

Claim 25 recites the adjusting means includes that the material of the surface sublimates when exposed to soldering temperature of eutectic Pb/Sn alloy, so that after reflow soldering the circuit board at least some of the loops become bendable for tuning the coil. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 25.

Claim 26 recites the adjusting means includes that the surface is sufficiently soft and arranged, so that it can be easily cut between loops of the coil using a tool without damaging the coil and then a position of the loops of the coil can be adjusted to tune the coil. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 26.

Claim 28 recites the adjusting means includes that the loops are spaced apart and are of a material such that the position of the loops are adjustable. There is no assertion contain within the Final Office Action that the cited references teach the material recited by rejected Claim 28.

Claim 29 recites many potential limitations for the adjusting means and there is no assertion contain within the Final Office Action that the cited references teach the material


recited by rejected Claim 28.

Accordingly, the rejections contained within the Final Office Action are, respectfully, traversed.

Applicant is not aware of any additional patents, publications, or other information not previously submitted to the Patent and Trademark Office which would be required under 37 C.F.R. 1.99.

In view of the foregoing amendment and remarks, the Applicant believes that the present application is in condition for allowance, with such allowance being, respectfully, requested.

Respectfully submitted,

By 

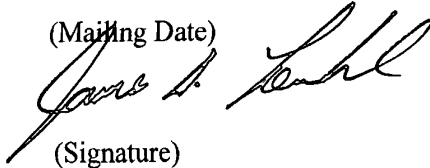
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